ferior to the Peruvian bark as a means of cure in such cases. Among the number of cures by this medicine, was that of his own case. He observed that in its recent state it sometimes disagreed with the stomach and bowels, but that this tendency in the article was corrected by age. He recommends the bark as being in the best state after it has been dried a year.

Other medical men have employed the bark of this tree with advantage in intermittents, and also in continued fevers of the typhoid type. Its tonic operation in these cases appears very analogous to that of the Peruvian bark.

I have employed the tincture of Cornus florida as a stomachic in various instances of loss of appetite and indigestion. The report of those who have taken it has perhaps been as frequently in favour of its effects, as of gentian, columbo, and the other imported tonics of the shops, though perhaps it is somewhat more liable to offend the stomach in large doses. In the Southern States a decoction of the buds and twigs has been thought to agree better with weak stomachs, than the other preparations.

Some other species of this family resemble the present tree in the bitterness and tonic power of their bark, particularly the Cornus *circinata* and C. *sericea*.

The wood of the Cornus florida is hard, heavy and fine grained, and susceptible of a good polish. It is employed for various purposes where strength and solidity are required, although its small size does not permit it to be used for objects of much magnitude. From its hardness it is found peculiarly useful for handles of instruments, the teeth of wheels, and the smaller parts of wooden machinery.

BOTANICAL REFERENCES.

Cornus florida, Lin. *Sp. pl.*—Gronovius, *Virg.* 17.—Kalm, travels, ii. 321.—Wangenheim, *Amer. p.* 51, *t.* 17.—L'Heritier, *Corn. n.* 3.—Schmidt, *Arb. t.* 62—*Botanical Mag. t.* 526.—Pursh, i. 108.—Michaux, fil. *Arbres forestiers*, iii. 138, *translated*, i. 255.—Elliott, *Car.* i. 207.—Cornus mas Virginiana, &c.—Plukenet, *Alm.* 120, *t.* 2, *f.* 3.—Catesby, *Car. t.* 27.

MEDICAL REFERENCES.

Walker, *Inaugural Dissertation, Philad.* 1803.—Bart. *Coll.* 12.—Thacher, *Disp.* 203.—Elliott, *ut supra.*

PLATE XXVIII.

Fig. 1. *Cornus florida, a branch with flowers, and one with leaves.*
Fig. 2. *Fruit.*
Fig. 3. *A flower.*